

Converting Colors

XYZ(76.6437, 71.0766, 84.1759)

Have a look what the booklet for
XYZ(76.6437, 71.0766, 84.1759)
contains.

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Color

**XYZ(76.7406, 71.0343,
84.5292)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCFE6
RGB	252, 207, 230
RGB Percent	99%, 81%, 90%
CMY	0.0118, 0.1882, 0.0980
CMYK	0.00, 0.18, 0.09, 0.01
HSL	329°, 88%, 90%
HSV	329°, 18%, 99%
XYZ	76.7406, 71.0343, 84.5292
YIQ	223.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

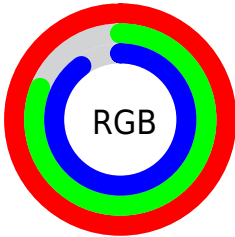
Format	Color
R_{YB}	252, 207, 230
Decimal	16568294
CIE _{Lab}	87.50, 19.46, -5.36
CIE _{LCh}	88, 20.183, 344.590
Yxy	71.0343, 0.3303, 0.3058
Android (android.graphics.Color)	4294758374 (0xFFFCCE6)
YUV	223.0770, 3.4130, 25.3655
Hunter-Lab	84.2818, 15.0352, -0.4667

Details

The XYZ color **76.7406, 71.0343, 84.5292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6882, 88.5452, 87.2874**, and the grayscale version is **70.1625, 73.8165, 80.3861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4718, 37.1537, 45.5430** is the 20% darker color. If you saturate the color by 10%, you get **69.4465, 59.1173, 73.8609**, and if you desaturate by 10%, it is **85.1354, 84.9552, 96.1695**.

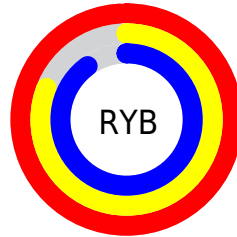
Distribution



Red (99%)

Green (81%)

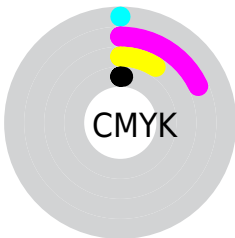
Blue (90%)



Red (99%)

Yellow (81%)

Blue (90%)

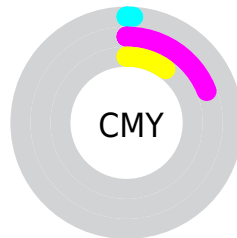


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7406, 71.0343, 84.5292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.7406, 71.0343, 84.5292 by changing the saturation by 10% instead.


 76.7406, 71.0343,
84.5292

 76.7406, 71.0343,
84.5292


472.7847,
464.1733, 530.1728

 57.3392, 52.3702,
62.9045


127.7480,
120.6826, 141.5835

 41.5188, 37.3002,
45.3235


160.0848,
152.4355, 177.8503

 28.9142, 25.4400,
31.3675


197.4640,
189.3202, 219.8348

 19.1599, 16.4052,
20.6180

240.2510,
231.7210, 267.9556

 11.8905, 9.8113,
12.6566

288.8112,
280.0223, 322.6313

 6.7408, 5.2740,
7.0646

343.5100,

 3.3454, 2.4089,

334.6085, 384.2803

3.4234

404.7127,
395.8641, 453.3213

■ 1.3390, 0.8305,
1.3147

■ 0.2121, 0.0000,
0.0738

■ 76.7406, 71.0343,
84.5292

■ 76.7406, 71.0343,
84.5292

■ 69.4465, 59.1173,
73.8609

■ 85.1354, 84.9552,
96.1695

■ 63.1985, 49.1015,
64.1316

■ 93.8979, 99.4127,
108.5470

■ 57.9460, 40.8894,
55.3124

■ 93.9552, 99.4356,
108.8488

■ 53.6319, 34.3707,
47.3711

■ 50.1928, 29.4232,
40.2728

■ 47.5570, 25.9080,
33.9795

■ 45.6401, 23.6612,
28.4481

■ 44.3299, 22.4634,
23.6257

■ 44.0936, 22.2750,
22.6707

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1553, 71.0343, 97.5786



76.7406, 71.0343, 84.5292



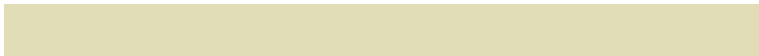
76.7776, 71.0343, 70.9202

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7406, 71.0343, 84.5292



65.2339, 71.0343, 54.6261



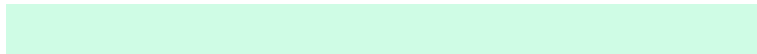
61.1984, 71.0343, 97.2689

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.7406, 71.0343, 84.5292



74.6882, 88.5452, 87.2874

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0308, 71.0343, 84.1450



76.7406, 71.0343, 84.5292



61.2853, 71.0343, 60.1205

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



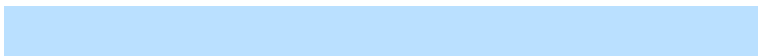
76.7406, 71.0343, 84.5292



69.9802, 71.0343, 54.7032



59.0619, 71.0343, 70.5785



65.1103, 71.0343, 105.5022

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7406, 71.0343, 84.5292



75.3438, 71.0343, 63.3823



59.0619, 71.0343, 70.5785



60.2500, 71.0343, 93.2193

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.7426, 71.0375, 84.5307



90.1290, 91.7381, 102.3883



72.1197, 68.2744, 101.4735



19.1484, 19.3966, 21.7239



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7426, 71.0375, 84.5307



76.3491, 68.8904, 83.2683



73.8147, 69.8663, 69.1123



17.6149, 17.3733, 19.8276



23.0435, 11.6331, 12.2032



2.1878, 1.0989, 1.4123

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.7426, 71.0375, 84.5307



76.3491, 68.8904, 83.2683



77.9967, 89.8686, 104.7099



17.6149, 17.3733, 19.8276



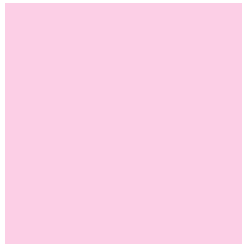
23.0435, 11.6331, 12.2032



2.1878, 1.0989, 1.4123

Previews

White Background



This preview shows how the XYZ color 76.7406, 71.0343, 84.5292 looks on a white background.

Color Contrast Check

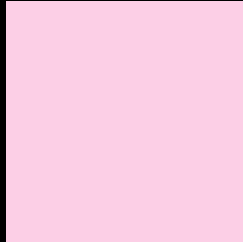
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.7406, 71.0343, 84.5292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

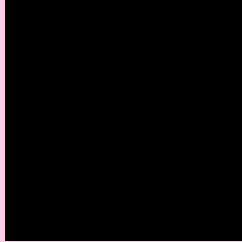
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7406, 71.0343, 84.5292

Background



This preview shows how black text looks on a background with the XYZ color 76.7406, 71.0343, 84.5292.



This preview shows how white text looks on a background with the XYZ color 76.7406, 71.0343,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.7406, 71.0343, 84.5292

Protanopia

69.2709, 71.1627, 90.2056

Deuteranopia

72.8622, 71.2502, 84.0411



Tritanopia

75.7941, 71.0028, 80.2311

Trichromacy



Original Color

76.7406, 71.0343, 84.5292

Protanomaly

71.5310, 70.8566, 87.7485

Deuteranomaly

74.0551, 71.1229, 83.9537

Tritanomaly

76.0670, 71.1120, 81.6683

Monochromacy



Original Color

76.7406, 71.0343, 84.5292

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.4720, 72.6091, 82.1468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7406, 71.0343, 84.5292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 230)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.7406, 71.0343, 84.5292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 207, 230) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 207, 230) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 207, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7406, 71.0343, 84.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 230) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
207, 230) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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